

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070820\
 Data File : VU039347.D
 Acq On : 08 Jul 2020 15:11
 Operator : SY/MD
 Sample : L3243-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A59

Quant Time: Jul 09 02:32:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 09 02:29:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	113721	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	104150	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49084	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	40709	6.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.60%
7) Chloroethane-d5	1.93	69	33002	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.58	63	58756	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.60%
20) 2-Butanone-d5	4.66	46	150511	49.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.82%
24) Chloroform-d	5.09	84	71389	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.72	65	44876	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.75	84	146071	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.60%
36) 1,2-Dichloropropane-d6	6.71	67	48239	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	7.91	98	129761	5.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.40%
43) trans-1,3-Dichloropropene-	8.19	79	20799	5.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.00%
46) 2-Hexanone-d5	8.64	63	109259	47.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.70%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	41556	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	47616	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

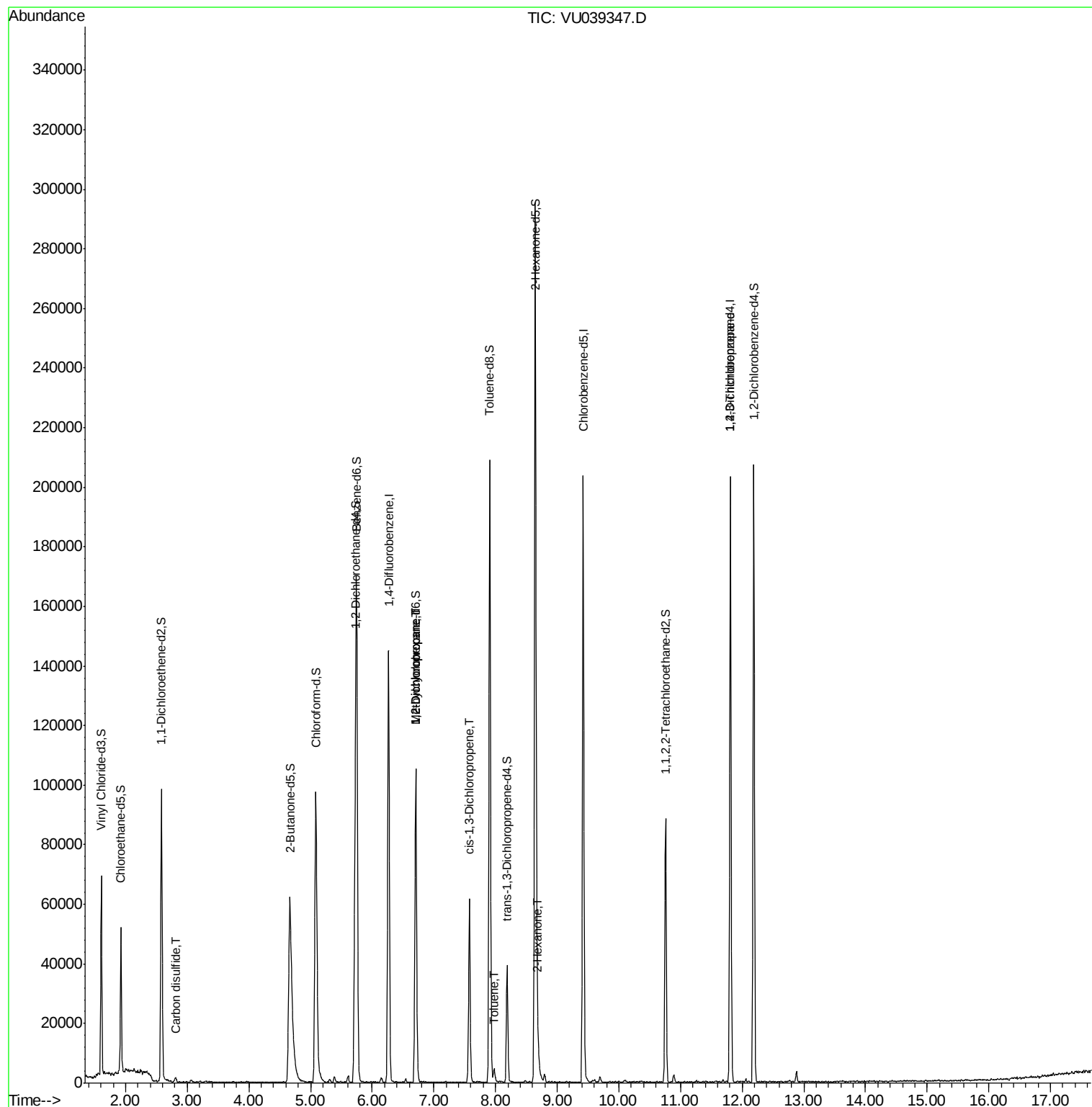
					Ovalue
14) Carbon disulfide	2.81	76	1857	0.078 ug/L #	93
35) Methylcyclohexane	6.71	83	10159	0.788 ug/L #	19
37) 1,2-Dichloropropane	6.71	63	5424	0.639 ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1761	0.137 ug/L #	73
42) Toluene	7.98	91	3154	0.095 ug/L	96
48) 2-Hexanone	8.69	43	5597	1.072 ug/L #	75
59) 1,2,3-Trichloropropane	11.81	75	7359	1.176 ug/L	88

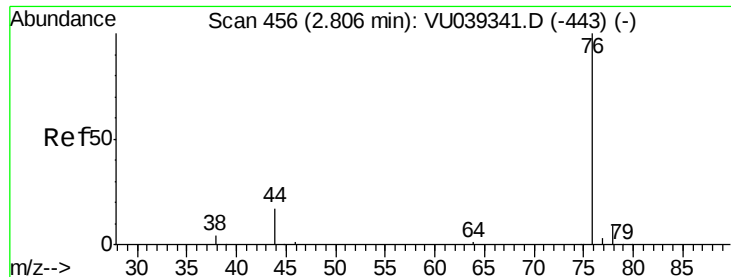
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.078 ug/L

RT: 2.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: VU039347.D

Acq: 08 Jul 2020 15:11

Instrument :

MSVOA_U

ClientSampleId :

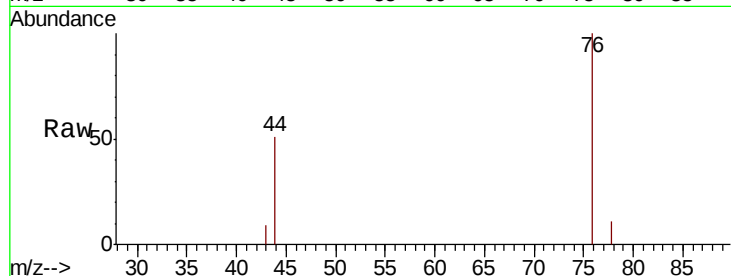
F4A59

Tot Ion: 76 Resp: 1857

Ion Ratio Lower Upper

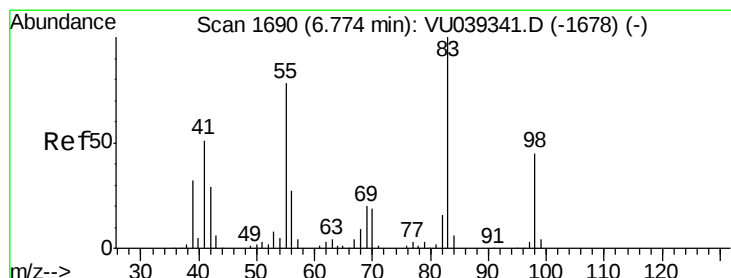
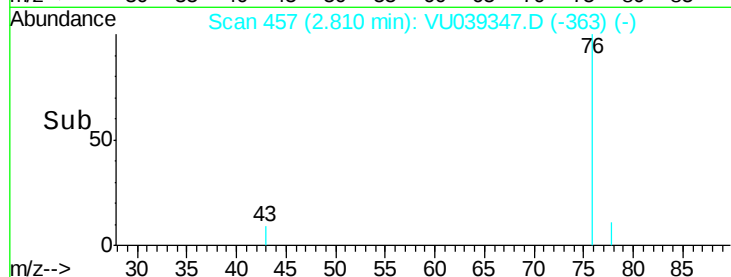
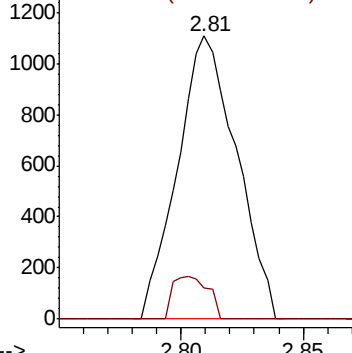
76 100

78 11.2 7.0 10.4#



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0



#35

Methylcyclohexane

Concen: 0.788 ug/L

RT: 6.71 min Scan# 1670

Delta R.T. -0.06 min

Lab File: VU039347.D

Acq: 08 Jul 2020 15:11

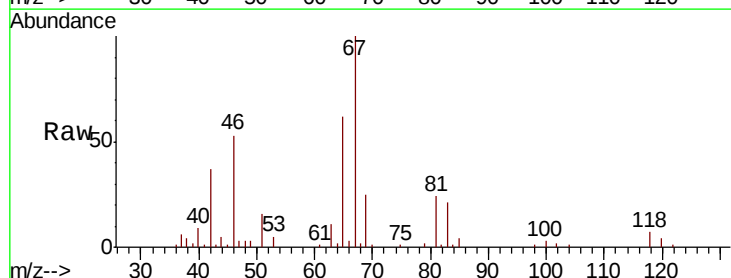
Tgt Ion: 83 Resp: 10159

Ion Ratio Lower Upper

83 100

55 0.2 62.1 93.1#

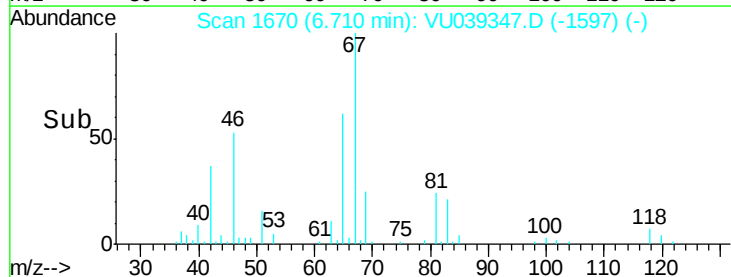
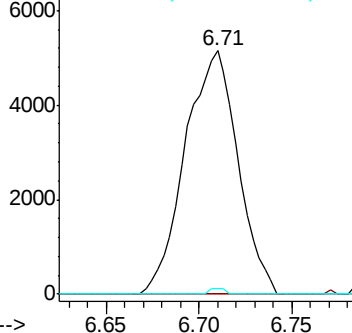
98 0.7 35.9 53.9#

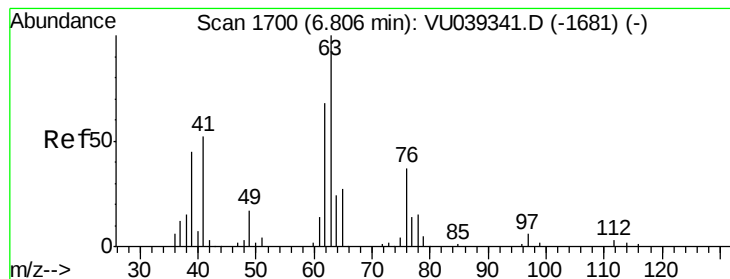


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.639 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.10 min

Lab File: VU039347.D

Acq: 08 Jul 2020 15:11

Instrument :

MSVOA_U

ClientSampleId :

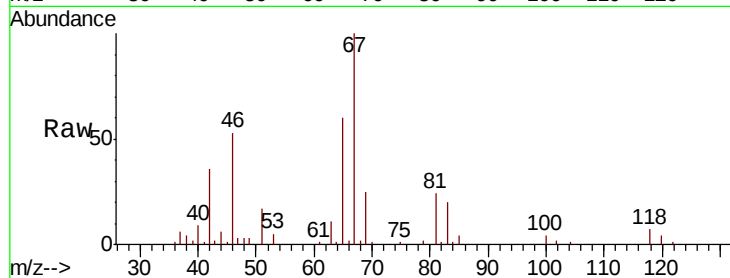
F4A59

Tot Ion: 63 Resp: 5424

Ion Ratio Lower Upper

63 100

112 0.0 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VU039347.D (-1669) (-)

Ion 112.10 (111.80 to 112.80): VU039347.D (-1669) (-)

6.71

3000

2500

2000

1500

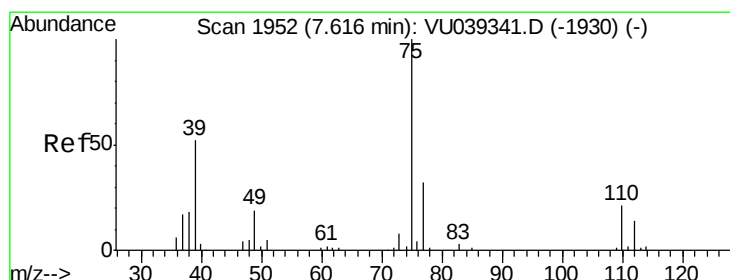
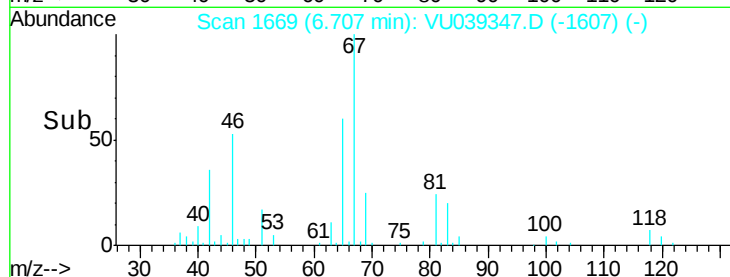
1000

500

0

6.65 6.70 6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.137 ug/L

RT: 7.58 min Scan# 1941

Delta R.T. -0.04 min

Lab File: VU039347.D

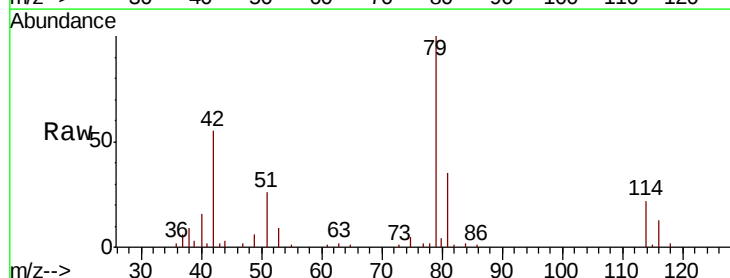
Acq: 08 Jul 2020 15:11

Tgt Ion: 75 Resp: 1761

Ion Ratio Lower Upper

75 100

77 46.6 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU039347.D (-1859) (-)

Ion 77.05 (76.75 to 77.75): VU039347.D (-1859) (-)

7.58

1000

800

600

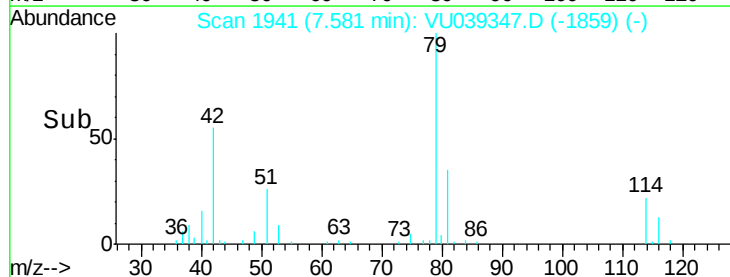
400

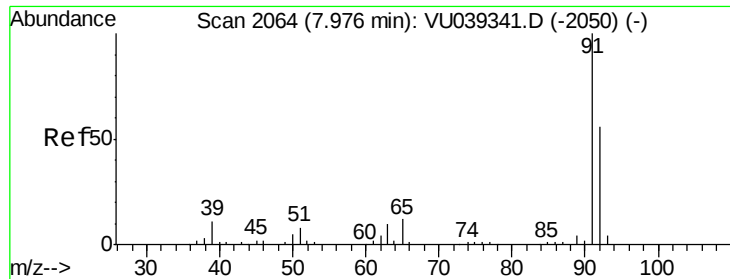
200

0

7.55 7.60

Time-->





#42

Toluene

Concen: 0.095 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU039347.D

Acq: 08 Jul 2020 15:11

Instrument :

MSVOA_U

ClientSampleId :

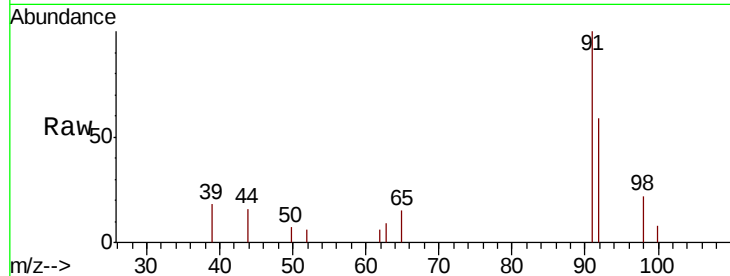
F4A59

Tot Ion: 91 Resp: 3154

Ion Ratio Lower Upper

91 100

92 59.3 39.3 73.1



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.98

1500

1000

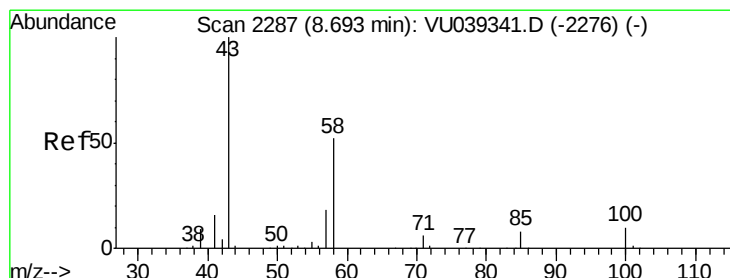
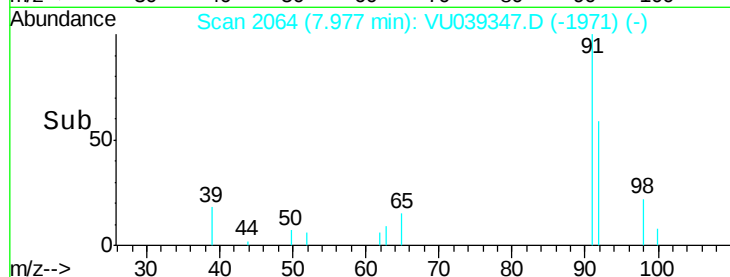
500

0

Time-->

7.95

8.00



#48

2-Hexanone

Concen: 1.072 ug/L

RT: 8.69 min Scan# 2287

Delta R.T. 0.00 min

Lab File: VU039347.D

Acq: 08 Jul 2020 15:11

Tgt Ion: 43 Resp: 5597

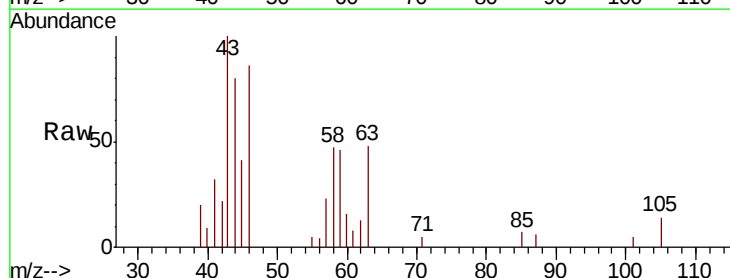
Ion Ratio Lower Upper

43 100

58 32.1 42.0 63.0#

57 13.0 14.0 21.0#

100 0.0 8.2 12.2#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

10000

8000

6000

4000

2000

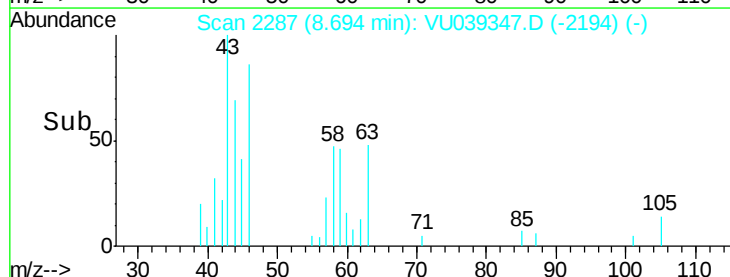
0

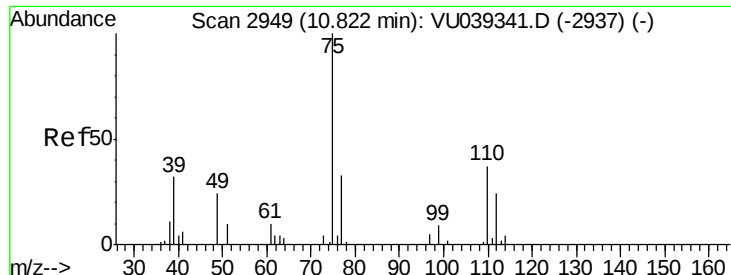
Time-->

8.65

8.70

8.75





#59

1,2,3-Trichloropropane

Concen: 1.176 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039347.D

Acq: 08 Jul 2020 15:11

Instrument :

MSVOA_U

ClientSampleId :

F4A59

Tot Ion: 75 Resp: 7359

Ion Ratio Lower Upper

75 100

77 40.2 26.8 40.2

